

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1372	257/197.oos.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/06 15:40
L2	1484	257/565.oos.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/06 15:40
L3	69	H01L27/102.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/06 15:40
L4	2	((bipolar adj transistor) and (collector with (frustum\$3 slant\$3 inclin\$3 slop\$4)) and ((dielectric insulat\$3 \$2oxide nitride spacer) with (hole open\$4))).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/06 16:13
L5	3	((bipolar adj transistor) and (collector same (frustum\$3 slant\$3 inclin\$3 slop\$4)) and ((dielectric insulat\$3 \$2oxide nitride spacer) same (hole open\$4))).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/06 16:14
L6	17	((bipolar adj transistor) and (collector same (frustum\$3 slant\$3 inclin\$3 slop\$4))).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/06 16:15

L7	14	6 not 5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/06 16:15
L8	602	((bipolar adj transistor) and (collector same (frustum\$3 slant\$3 inclin\$3 slop\$4)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/06 16:24
L9	588	8 not 7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/06 16:24
L10	496	9 and (@ad<"20040225" @rlad<"20040225")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/06 16:24
L11	151	10 and (((dielectric insulat\$3 \$2oxide nitride spacer) same (hole open\$3)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/06 16:25
L12	118	11 and ((dielectric insulat\$3 \$2oxide nitride spacer) with collector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/06 16:26
L13	108	12 and ((dielectric insulat\$3 \$2oxide nitride spacer) with emitter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2008/05/06 16:26

S1	10	("5128271" "5494836" "5506427" "5766999" "5962880" "6346453" "6429085" "6437376" "6472262" "6559020").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/11/01 17:40
S2	8	("5296391" "5321301" "5323032" "5424228" "5432104" "5484737" "5494836" "5504018").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/17 16:43
S3	9	("4824799" "4851362" "5039624" "5198373" "5204276" "5217909" "5294558" "5296391" "5320972").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/17 16:55
S4	8	("4988632" "5034351" "5055419" "5057455" "5064774" "5169794" "5194926" "5208169").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/17 17:02
S5	17	("5320972").URPN.	USPAT	OR	ON	2005/09/17 17:48
S6	6	"5668396"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/17 17:59
S7	10	"5798561"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/17 17:56
S8	5	("5374846" "5494836" "5504018" "5506427" "5548155").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/17 17:58
S9	8	("5798561").URPN.	USPAT	OR	ON	2005/09/17 17:59
S10	9	("4782030" "5073810" "5177583" "5245204" "5247192" "5323031" "5374846" "5402002" "5465006").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/17 18:02
S11	5	("5668396").URPN.	USPAT	OR	ON	2005/09/17 18:04
S12	13	("5101256" "5321301" "5500554" "5504018" "5506427" "5508553" "5523606" "5599723" "5668396" "5693979" "5909059" "6130471" "6208012").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/17 18:04

S13	1	10/708340	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/17 18:10
S15	1	"6788574"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/18 15:23
S16	34	("4375086" "4467457" "4672580" "4884241" "4951257" "4970691" "5251171" "5299162" "5331597" "5430670" "5587945" "5668752" "5732022" "5742542" "5761121" "5768186" "5781489" "5801076" "5805013" "5808953" "5854114" "5885870" "5942780" "6018477" "6064105" "6069382" "6094394" "6295226" "6324097" "6330186" "6337808" "6407946" "6417728" "6445614").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/18 15:28
S18	41	("20010028590" "4375086" "4467457" "4672580" "4807188" "4884241" "4951257" "4970691" "5251171" "5299162" "5331597" "5430670" "5587945" "5638325" "5668752" "5732022" "5742542" "5761121" "5768186" "5781489" "5801076" "5805013" "5808953" "5854114" "5885870" "5942780" "6018477" "6064105" "6069382" "6084820" "6094394" "6295226" "6324097" "6330186" "6337808" "6370061" "6407946" "6417728" "6445614" "6473356" "6674665").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/18 15:28
S19	41	S16 S18	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/18 15:28
S20	8	(US-6788574-\$ or US-5504018-\$ or US-5432104-\$ or US-5320972-\$ or US- 6482710-\$ or US-5798561-\$ or US-5668396-\$ or US-4349806-\$).did.	USPAT	OR	ON	2006/03/30 16:49
S21	3	"4536858"	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/03/30 17:08
S22	61	akatsu-hiroyuki.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/03/30 17:09

S23	79	divakaruni-rama.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/03/30 17:09
S24	36	freeman-gregory-g.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/03/30 17:09
S25	34	greenberg-david-r.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/03/30 17:10
S26	34	khater-marwan-h.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/03/30 17:10
S27	199	tonti-william-r.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/03/30 17:10
S28	422	S22 S23 S24 S25 S26 S27	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/03/30 17:10
S29	91	S28 and (bipolar with transistor) and (dielectric or insulat\$3 or \$2oxid\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/05 14:38
S30	87	S28 and (\$2slant\$4 or slop\$3 or incline or lean or recline or tilt\$3 or angl\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/03/30 17:23

S31	15	S29 and (\$2slant\$4 or slop\$3 or incline or lean or recline or tilt\$3 or angl\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/03/30 17:19
S32	2757	257/197,565,649.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/03/30 17:20
S33	1315	257/e21.068,e21.372,e21.383,e27.053,e27.055,e27.067,e27.076,e29.171,e29.174,e29.182.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/03/30 17:22
S34	1721	(S32 S33) and (bipolar with transistor) and (dielectric or insulat\$3 or \$2oxid\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/03/30 17:23
S35	994	S34 and (collector with (dielectric or insulat\$3 or \$2oxid\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/03/30 17:23
S36	54	S35 and ((collector or insulat\$3 or dielectric or @2oxid\$3) with (\$2slant\$4 or slop\$3 or incline or lean or recline or tilt\$3 or angl\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/03/30 17:27
S37	51	S36 and (base with collector)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/03/30 17:27
S38	1	10/708340	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/04 18:56

S39	1	("6184477").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/04/05 12:18
S40	1	("6885043").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/04/05 12:18
S41	1	("5214497").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/05 14:08
S42	9	("5481120").URPN.	USPAT	OR	ON	2006/04/05 14:08
S43	9	("5068705" "5117271" "5177583" "5185274" "5266830" "5289031" "5414273" "5481120" "5506427").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/05 14:11
S44	9	("5481120").URPN.	USPAT	OR	ON	2006/04/05 14:13
S45	1	("5214497").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/05 14:38
S46	150	(bipolar near3 transistor) and (collector or insulat\$3 or dielectric or (silicon adj \$2oxide) or (silicon adj nitride)) with (\$2slant\$4 or slop\$3 or inclin\$3 or tilt\$3 or angle\$3) and ("STI" or (trench near2 isolat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/05 14:42
S47	141	S46 and (@ad<"20040225" or @rlad<"20040225")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/05 14:43
S48	48	S47 and (extrinsic or (raised adj2 base))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/05 15:00

S49	93	S47 not S48	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2006/04/05 15:00
S50	8	("4988632" "5034351" "5055419" "5057455" "5064774" "5169794" "5194926" "5208169").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/05 15:11
S51	17	("5320972").URPN.	USPAT	OR	ON	2006/04/05 15:12
S52	25	("20020132438" "20030057458" "4157269" "4871684" "4879255" "4980738" "5061652" "5117271" "5159429" "5244821" "5320972" "5340753" "5516708" "5516710" "5599723" "5773350" "5804486" "5930635" "6153488" "6180442" "6190984" "6218711" "6287930" "6376322" "6492237").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/05 15:25
S53	6	("4499657" "4504332" "4692786" "4852362" "4860078" "4958201").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/05 15:26
S54	20	("5117271").URPN.	USPAT	OR	ON	2006/04/05 15:27
S55	20	("5101256" "5321301" "5500554" "5504018" "5506427" "5508553" "5523606" "5599723" "5668396" "5693979" "5909059" "6130471" "6208012").PN. OR ("6482710").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/15 11:00
S56	94	(bipolar adj transistor) with ((shallow adj trench adj isolation) "STI") and (@ad< "20040225" @rlad< "20040225")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/06/15 11:02
S57	26	S56 and subcollector	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/06/15 11:01
S58	21	S56 and ((shallow adj trench adj isolation) "STI").ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/06/15 11:02

S59	7	S56 and ((shallow adj trench adj isolation) "STI").ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/06/15 11:03
S60	7	S59 and ((shallow adj trench adj isolation) "STI")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/06/15 11:03
S61	13	("3915767" "4975381" "5117271" "5204276" "5214302" "5296391").PN. OR ("5693979").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/15 11:40
S62	324	257/49.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/11/01 18:19
S63	1333	257/197.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/11/01 18:18
S64	1459	257/565.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/11/02 11:21
S65	1267	257/e21.696.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/11/01 18:19
S66	86	257/e27.055.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/11/01 18:19

S68	7777	257/49,197,273,378,517,526,552,556,557,565,571,584,588,e21.608,e21.609,e27.02-e27.023,e27.053,e27.055,e27.506,e27.076,e27.077,e29.174,e29.182,e31.096,e28.034,e29.035.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/11/02 11:21
S69	0	("2004/0094823").URPN.	USPAT	OR	ON	2007/11/01 22:51
S70	2	("6552375" "6680234").PN. OR ("7023072").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/01 22:57
S71	7777	257/49,197,273,378,517,526,552,556,557,565,571,584,588,e21.608,e21.609,e27.02-e27.023,e27.053,e27.055,e27.506,e27.076,e27.077,e29.174,e29.182,e31.096,e28.034,e29.035.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/11/02 11:58
S72	4994	S71 and (emitter and collector and base)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/11/02 11:59
S73	2459	S72 and (collector with (dielectric insulat\$3 \$2oxide nitride))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/11/02 12:13
S74	95	S71 and (collector with (frustum\$3 pedestal))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/11/02 12:01
S75	545	(collector with (frustum\$3 pedestal))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/11/02 12:01
S76	450	S75 not S74	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/11/02 12:01

S77	111	S76 and (collector with (dielectric insulat\$3 \$2oxide nitride))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/11/02 12:13
S78	2392	S73 not (S74 S77)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/11/02 12:13
S79	2140	S78 and (emitter with (dielectric insulat\$3 \$2oxide nitride))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/11/02 12:14
S80	1538	S79 and ((dielectric insulat\$3 \$2oxide nitride) with (hole open\$3 trench groove gap slot window))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/11/02 12:17
S81	1327	S80 and (@ad<"20040225" @rlad<"20040225")	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/11/02 12:16
S82	592	S81 and align\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/11/02 12:16
S83	727	S81 and ((hole open\$3 trench groove gap slot window) with (align\$3 mask\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/11/02 12:18
S84	174	(S82 S83) and (collector with emitter with align\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/11/02 12:36

S85	589	S83 not S84	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2007/11/02 12:36
S86	10	("5481120").URPN.	USPAT	OR	ON	2007/11/04 22:23

5/ 6/ 2008 4:34:50 PM

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